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(54) MATRIX METALLOPROTEINASE PEPTIDE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a peptide having a specific amino acid sequence and useful as a matrix metalloproteinase inhibitor.

SOLUTION: This purified and synthesized peptide inhibiting a gelatinase or collagenase has a sequence

selected from VAAHEFGHAMGLEHSQ, VAAHEFGAAMGLEHSQ, VAAHELGHSLGLSHST, VAAHEIGHSLGLFHSA, VVAHELTHAVTDYTAG and AAHEEICTTNEGVM. The fragment of the synthetic peptide contains the sequence AAHE or VAHE inhibiting gelatinase or collagenase. The substance composition is the above peptide in a carrier.

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